

Important Information Regarding Chlorine Test Methods and Detection Limits

Currently there are three test methods for chlorine that are considered acceptable to IDEM:

1. DPD colorimetry
2. Amperometric titration
3. The Orion electrode.

NOTE THIS INFORMATION ABOUT DPD COLORIMETERS:

- The limit of detection (LOD) on most colorimeters is 0.01mg/L.
- **The equipment CANNOT detect 0.00 mg/L concentrations of chlorine.**
- Readings less than 0.01 should always be reported on the MRO (or MMR) as < 0.01 never as “0”, and should be reflected on the DMR..

Color comparators that use a color wheel or chart and the human eye to determine chlorine levels are not acceptable test methods.

Any questions regarding chlorine test methods or any parameter test method should be directed to Barbara McDowell at 317-233-6464, or e-mail: bmcadowel@dem.state.in.us.